WHAT IS CLAIMED IS:

1. A device for air feed comprising:

a fluid motor rotating by fluid flow; and

rotating vanes driven by the fluid motor and forcing air into a space accommodating a subject.

2. The device of claim 1 comprising:

means for adjustment means for adjusting fluid flow quantity supplied to the fluid motor.

3. The device of claim 1 comprising:

means for adjustment for adjusting ratio of fluid flow quantity supplied to the fluid motor to fluid flow quantity bypassing the fluid motor.

4. A signal acquisition device comprising:

means for signal acquisition including a space accommodating a subject for imaging;

a fluid motor rotating by fluid flow; and

rotating vanes driven by the fluid motor and forcing air into the space.

5. The device of claim 4 comprising:

means for adjustment means for adjusting fluid flow quantity supplied to the fluid motor.

6. The device of claim 4 comprising:

means for adjustment for adjusting ratio of fluid flow quantity supplied to the fluid motor to fluid flow quantity bypassing the fluid motor.

7. The device of claim 4 wherein the means for signal acquisition has a section to be cooled by fluid, and the fluid motor is driven by fluid to cool the section.

8. The device of claim 4 wherein the means for signal acquisition acquires a magnetic resonance signal.

9. The device of claim 4 wherein the rotating vanes and the fluid motor are made of nonmagnetic material or nonmetallic material.

10. An imaging device comprising:

means for imaging including a space accommodating a subject for imaging;

a fluid motor rotating by flow of fluid; and

rotating vanes driven by the fluid motor and forcing air into the space.

11. The imaging device of claim 10 comprising:

means for adjustment for adjusting fluid flow quantity supplied to the fluid motor.

12. The imaging device of claim 10 comprising:

means for adjustment for adjusting ratio of fluid flow quantity supplied to the fluid motor to fluid flow quantity bypassing the fluid motor.

13. The imaging device of claim 10 wherein the means for imaging has a section to be cooled by fluid, and the fluid motor is driven by fluid to cool the section.

14. The imaging device of claim 10 wherein the means for imaging produces an image by utilizing magnetic resonance imaging.

15. The imaging device of claim 10 wherein the rotating vanes and the fluid motor are made of nonmagnetic material or nonmetallic material.